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FACSIMILE TRANSMISSION  
TO THE UNITED STATES PATENT AND TRADEMARK OFFICE

TO: FILING RECEIPT CORRECTIONS

DATE: April 24, 2008

FAX NO: 571-273-8300

SERIAL NO.: ~~10/658,580~~ 10/650,580

DOCKET NO.: 5000-1-448

FROM: STEVE CHA  
REGISTRATION NUMBER 44,069  
CHA & REITER, LLC  
210 ROUTE 4 EAST, SUITE 103  
PARAMUS, NJ 07652  
TELEPHONE: (201) 226-9245  
FAX NUMBER: (201) 226-9246

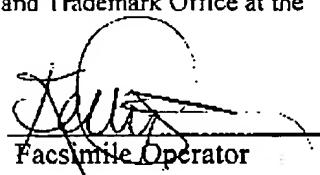
MESSAGE:

➔ RESENDING ➔

REQUEST FOR CORRECTION OF INFORMATION ON FILING RECEIPT

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I certify that this document consisting of 12 pages (including this cover sheet)  
being transmitted via facsimile to the United States Patent and Trademark Office at the  
telephone number set forth above on April 24, 2008.



Facsimile Operator

APR 24 2008

## CHA &amp; REITER, LLC

ATTORNEYS AT LAW

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iplaw@Chareiter.com210 ROUTE 4 EAST, #103  
PARAMUS, NEW JERSEY 07652  
TEL: (201) 226-9245  
FAX: (201) 226-9246PATENT, TRADEMARK  
AND COPYRIGHT

April 24, 2008

Office of Initial Patent Examination's Filing Receipt Corrections  
Fax No. 571-273-8300

## Re: REQUEST FOR CORRECTED FILING RECEIPT

Inventor(s) : Se-Youn Lim et al.  
 Assignor(s) : Samsung Electronics Co., Ltd.  
 Title : METHOD OF CONTROLLING LOOP-BACK  
           PROCESS IN ETHERNET PASSIVE  
           OPTICAL NETWORK  
 Serial No. : 10/650,580  
 Filed : August 28, 2003  
 Docket No. : 5000-1-448

Dear Sir:

Applicant hereby request that a corrected Formal Filing Receipt be issued to correct the applicant's fourth inventor (Jin-Hee Kim)'s citizenship.

Please correct applicant's fourth inventor (Jin-Hee Kim)'s citizenship from  
 [ Republic of Korea ] to

— U.S.A. —

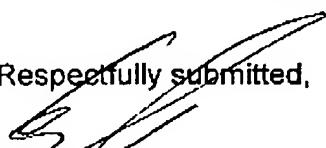
as it appears on the Declaration, copy enclosed.

Also included is a copy of a Submission for Substitute Declaration that we originally filed with the USPTO on December 17, 2003, and which was stamped by the USPTO's O.I.P.E. on December 19, 2003.

A copy of the filing receipt with the requested correction is enclosed.

Applicants accordingly request that the records of the U.S. Patent and Trademark Office be corrected to reflect the fourth inventor (Jin-Hee Kim)'s citizenship and that a corrected Formal Filing Receipt be issued.

Respectfully submitted,

  
Steve ChaAttorney for Applicant(s)  
Registration No. 44,069SC/lc  
Enclosures

APR 24 2008

PTO/SB/02B

Docket No.: 5000-1-448

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor (s), I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF CONTROLLING LOOP-BACK PROCESS IN ETHERNET****PASSIVE OPTICAL NETWORK**

, the specification of which is attached hereto unless the following box is checked:

was filed on August 28, 2003 as United States Application Number or PCT International Application Number 10/650,580 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

## Prior Foreign Application(s)

<u>2003-145</u> (Number)	<u>Republic of Korea</u> (Country)	<u>02/01/2003</u> (Day/Month/Year Filed)	Priority Claimed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<u>                  </u> (Number)	<u>                  </u> (Country)	<u>                  </u> (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of the Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>(Application Number)</u>	<u>(Filing Date)</u>	<u>(Status - patented, pending, abandoned)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>	<u>(Status - patented, pending, abandoned)</u>

**POWER OF ATTORNEY:** I hereby appoint as my attorneys and other attorneys or agents the registered persons identified under

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**CUSTOMER NUMBER**  
**33942**

**APR 24 2008**

for the law firm of Cha & Reiter, said attorneys or agents with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to:	Steve S. Cha, Esq. <b>CHA &amp; REITER</b> 411 HACKENSACK AVE 9 <sup>TH</sup> FLOOR HACKENSACK, NEW JERSEY 07601	<b>CUSTOMER NUMBER</b> <b>33942</b>
--------------------------------	--	--

Address all telephone calls to: (201)518-5518:

I (we) hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Se-Youn LIM
Residence Address:	#302, Shinwonvillage, 1054-33, Namhyon-dong, Kwanak-gu, Seoul, Republic of Korea
Post office address:	Same as above
Citizenship:	Republic of Korea
Date:	<u>December 15, 2003</u>
Signature:	<u>Se-Youn LIM</u>

Full name of Second inventor:	Jae-Yeon SONG
Residence Address:	#514-902, Yangjimaeul Hanyang APT., Sunae-dong, Pundang-gu, Songnam-shi, Kyonggi-do, Republic of Korea
Post office address:	Same as above
Citizenship:	Republic of Korea
Date:	<u>December 15, 2003</u>
Signature:	<u>Jae-Yeon SONG</u>

Full name of Third inventor:	A-Jung KIM
Residence Address:	#5-805, Chonghwa APT., Itaewon 2-dong, Yongsan-gu, Seoul, Republic of Korea
Post office address:	Same as above
Citizenship:	Republic of Korea
Date:	<u>December 15, 2003</u>
Signature:	<u>A-Jung Kim</u>

**Full name of Fourth inventor:**  
Residence Address:

Jin-Hee KIM  
#544-707, Ssangyong APT., 963-2, Youngtong-dong, Paldal-gu,  
Suwon-shi, Kyonggi-do, Republic of Korea

Post office address:  
Citizenship:

Same as above  
U.S.A.

Date:

December 15, 2003

Signature:

Jin-Hee Kim

**Full name of Fifth inventor:**  
Residence Address:

Su-hyung KIM  
#5-706, Woosung APT., Pungnap 2-dong, Songpa-gu, Seoul,  
Republic of Korea

Post office address:  
Citizenship:

Same as above  
Republic of Korea

Date:

December 15, 2003

Signature:

Su-hyung Kim

**Full name of Sixth inventor:**  
Residence Address:

Min-Hyo LEE  
#902-506, Byuckjukgol 9-danji Jugong APT., Youngtong-dong,  
Paldal-gu, Suwon-shi, Kyonggi-do, Republic of Korea

Post office address:  
Citizenship:

Same as above  
Republic of Korea

Date:

December 15, 2003

Signature:

Min-Hyo LEE

**Full name of Seventh inventor:**  
Residence Address:

Ho-il OH  
#302, 492-13, Mangwon-dong, Mapo-gu, Seoul, Republic of Korea

Post office address:  
Citizenship:

Same as above  
Republic of Korea

Date:

December 15, 2003

Signature:

Ho-il OH

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
Washington, D.C. 20591  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY,DOCKET.NO	TOT CLAIMS	IND CLAIMS
10/650,580	08/28/2003	2619	960	5000-1-448	5	1

## CONFIRMATION NO. 8236

33942  
CHA & REITER, LLC  
210 ROUTE 4 EAST STE 103  
PARAMUS, NJ 07652



OC000000029072434

Date Mailed: 04/09/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

## Applicant(s)

Se-Youn Lim, Seoul, KOREA, REPUBLIC OF;  
Jae-Yeon Song, Songnam-shi, KOREA, REPUBLIC OF;  
A-Jung Kim, Seoul, KOREA, REPUBLIC OF;  
Jin-Hee Kim, Suwon-shi, KOREA, REPUBLIC OF;  
Su-Hyung Kim, Seoul, KOREA, REPUBLIC OF;  
Min-Hyo Lee, Suwon-shi, KOREA, REPUBLIC OF;  
Ho-Il Oh, Seoul, KOREA, REPUBLIC OF;

--U.S.A.--

Power of Attorney: The patent practitioners associated with Customer Number 33942

## Domestic Priority data as claimed by applicant

## Foreign Applications

REPUBLIC OF KOREA 2003-145 01/02/2003

## If Required, Foreign Filing License Granted: 11/20/2003

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 10/650,580

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

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APR 24 2008

**Title**

Method of controlling loop-back process in ethernet passive optical network

**Preliminary Class**

370

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

**LICENSE FOR FOREIGN FILING UNDER**

**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

page 2 of 3

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time. If the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form, Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



Steve S. Cha  
Stephen Gigante  
David Rosenblum  
Noreen Welch\*

\* Of Counsel

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**CHA & REITER, LLC**

ATTORNEYS AT LAW

210 ROUTE 4 EAST, #103

PARAMUS, NEW JERSEY 07652

TEL: (201) 226-9245

FAX: (201) 226-9246

PATENT, TRADEMARK  
AND COPYRIGHT

[www.ChaReiter.com](http://www.ChaReiter.com)  
[iplaw@Chareiter.com](mailto:iplaw@Chareiter.com)

December 17, 2003

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-145

Re: U.S. Patent Application  
**METHOD OF CONTROLLING LOOPBACK PROCESS IN ETHERNET  
PASSIVE OPTICAL NETWORK**

Based on KPA No.	:	2003-145	KPA Filing Date: January 2, 2003
Serial No.	:	10/650,580	
Filed	:	August 28, 2003	
Your Ref.	:	P11175-US/ST/khs	
Our Ref.	:	5000-1-448	

**SUBMISSION OF SUBSTITUTE DECLARATION**

Sir:

Please be informed that the citizenship of the inventor, Jin-Hee KIM was mistyped in the executed Declaration filed with the application on August 28, 2003. The citizenship of Jin-Hee Kim is not Republic of Korea but U.S.A.. Accordingly, we herewith enclose a newly executed Declaration in which the citizenship of Jin-Hee Kim is corrected to the U.S.A.

Please issue a Filing Receipt reflecting the correct citizenship.

Applicant hereby authorizes that any charges relating to the processing of the present Application may be charged to Deposit Account No. 502-470.

Respectfully submitted,

**CHA & REITER**

By: Steve Cha  
Attorney for Applicants  
Registration No. 44,069

SC/lc  
Enclosure

2023-DEC-17 17:34 FROM:

TO: 12012269246

P. 002/004



PTO/SB/028

Docket No.: 5000-1-448

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor(s), I hereby declare that:

**My residence, post office address and citizenship are as stated below next to my name.**

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## METHOD OF CONTROLLING LOOP-BACK PROCESS IN ETHERNET

PASSIVE OPTICAL NETWORK

,the specification of which is attached hereto unless the following box is checked

was filed on August 28, 2003 as United States Application Number or PCT International Application Number 10/650,580 and was amended on (If applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**Prior Foreign Application(s)**

2003-145 Republic of Korea 02/01/2003 Priority Claimed  
(Number) (Country) (Day/Month/Year Filed)  Yes  No

                                                                            Yes  No  
(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of the Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_ (Status - patented, pending, abandoned)

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_ (Status - patented, pending, abandoned)

**POWER OF ATTORNEY:** I hereby appoint as my attorneys and other attorneys or agents the registered persons identified under

DEC-17 17:34 FROM:

TO:12012269246

P.003/004

**CUSTOMER NUMBER**  
33942

for the law firm of Cha & Reiter, said attorneys or agents with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to:

Steve S. Cha, Esq.  
**CHA & REITER**  
 411 HACKENSACK AVE  
 9<sup>TH</sup> FLOOR  
 HACKENSACK, NEW JERSEY 07601

**CUSTOMER NUMBER**  
33942

Address all telephone calls to:

(201)518-5518

I (we) hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:

Se-Youn LIM  
 #302, Shinwontvillage, 1054-33, Namhyeon-dong, Kwonak-gu, Seoul,

Residence Address:

Republic of Korea

Post office address:

Same as above

Citizenship:

Republic of Korea

Date:

December 15, 2003

Signature:

Se-Youn LIM

Full name of Second Inventor:

Jae-Yeon SONG  
 #514-502, Yanglimcaul HanYang APT., Sunne-dong, Pundung-gu,  
 Songnam-shi, Kyonggi-do, Republic of Korea

Residence Address:

Same as above

Post office address:

Republic of Korea

Date:

December 15, 2003

Signature:

Jae-Yeon SONG

Full name of Third Inventor:

A-Jung KIM  
 #5-805, Chonghwa APT., Itaewon 2-dong, Yongsan-gu, Seoul,  
 Republic of Korea

Residence Address:

Same as above

Post office address:

Republic of Korea

Date:

December 15, 2003

Signature:

A-Jung Kim

2003-DEC-17 17:35 FROM:

TO:12012269246

P.004/004

Full name of Fourth inventor:  
Residence Address:

Jin-Hee KIM  
#544-707, Ssangyong APT., 963-2, Youngtong-dong, Paldal-gu,  
Suwon-shi, Kyonggi-do, Republic of Korea

Post office address:  
Citizenship:

Same as above  
U.S.A.

Date:

December 15, 2003

Signature:

Jin-Hee Kim

Full name of Fifth inventor:  
Residence Address:

Sil-hyung KIM  
#5-706, Woosung APT., Pungnap 2-dong, Songpa-gu, Seoul,  
Republic of Korea

Post office address:  
Citizenship:

Same as above  
Republic of Korea

Date:

December 15, 2003

Signature:

Sil-hyung Kim

Full name of Sixth inventor:  
Residence Address:

Min-Hyo LEE  
#902-506, Byuckjukgel 9-dong Jugong APT., Youngbong-dong,  
Paldal-gu, Suwon-shi, Kyonggi-do, Republic of Korea

Post office address:  
Citizenship:

Same as above  
Republic of Korea

Date:

December 15, 2003

Signature:

Min-Hyo Lee

Full name of Seventh inventor:

Residence Address:

Ho-Ji OH  
#302, 492-13, Mangwon-dong, Mapo-gu, Seoul, Republic of Korea

Post office address:

Same as above

Citizenship:

Republic of Korea

Date:

December 15, 2003

Signature:

Ho-Ji OH